



GRADE 5 CURRICULUM GUIDE

The Grade 5 program at Little World International School signifies the conclusion of the elementary phase of education. This period marks a shift from concrete thinking to the development of analytical skills, as students begin to examine multiple layers of ideas concurrently. In mathematics, the curriculum will emphasize the addition, subtraction, multiplication, and division of both fractions and decimals. Science examines ecosystems, Earth's systems, mixtures and solutions, and the properties of light and sound.

READING

- Analyzing themes
- Tackling text complexity
- Argument & advocacy: debatable

WRITING

- Narrative craft: personal narrative
- Research reports: the lens of history
- Research based argument essay
- Memoir
- Biography
- Planning Drama

MATH

- Place value & decimal fractions
- Base ten operations
- Addition & subtraction of fractions
- Multiplication & division of fractions and decimal fractions
- Volume, area & shapes
- Coordinate plan

SOCIAL STUDIES

- Beliefs, values, perspectives & actions
- The global economy
- Islamic Empires in History
- World Wars

PHONICS

- Capitalization
- Ending punctuation
- Compound sentences
- Irregular verbs
- Verb tensing
- Correlative conjunctions
- Prepositional phrases
- Injections & commas
- Conjunctive adverbs
- Commas & phrases
- Idioms

SCIENCE

- Water cycles & Earth systems
- Ecosystems and the food web
- Chemical reactions
- Stars & the Solar System

ARABIC

- Home vocabulary
- Grammar
- World vocabulary
- Sentences
- Creative Writing
- Reading
- Speaking
- Recitation
- Poetry
- Arabic Quiz
- Hard Words



FRENCH

- Greetings
- Self introductions
- Numbers
- Four seasons
- Family
- Animals
- Colors in sentences
- Food
- Writing

LIBRARY

- Inquire: Build knowledge through inquiry, critical thinking, problem identification, and strategy development
- Include: Show understanding and commitment to inclusiveness and diversity in the learning community
- Collaborate: Work effectively with others to broaden perspectives and achieve common goals
- Curate: Collect, organize, and share personally relevant resources to create meaning
- Explore: Discover and innovate with a growth mindset through experience and reflection
- Engage: Create and share knowledge ethically and safely while participating in a connected community

SOCIAL EMOTIONAL LEARNING

- Growth mindset & goal-setting
- Emotional management
- Empathy & kindness
- Problem-solving

ART

- Design in art, elements & principles
- Exploring subject and themes

TECHNOLOGY

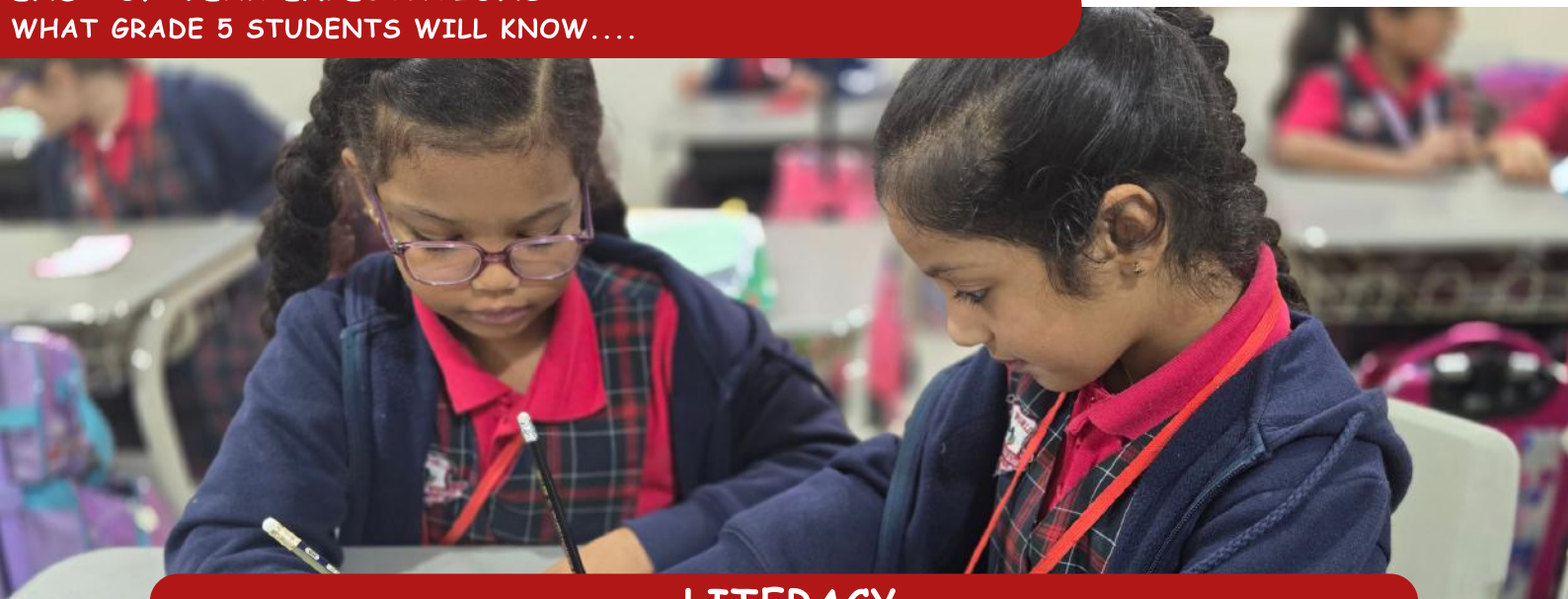
- Using digital tools
- Coding

PHYSICAL EDUCATION

- Refining movement skills & transitions
- Applying strategies in game play
- Improving throwing, catching, & striking
- Understanding & applying fitness concepts
- Managing space & movement in team activities
- Executing game rules & etiquette
- Strengthening teamwork, leadership, & communication
- Exploring the connection between physical & mental wellbeing
- Developing independence, goal setting & self-assessment

END -OF-YEAR EXPECTATIONS

WHAT GRADE 5 STUDENTS WILL KNOW....



LITERACY

READING

- Read accurately and fluently at the right level to understand stories, poems, and other texts.
- Use context to figure out tricky words and ideas, and reread if necessary.
- Quote from the text to explain what it directly says and make inferences.
- Identify and summarize the main ideas, supported by key details in texts.
- Understand how characters respond to challenges and how narrators or speakers influence events in stories and poems.
- Compare and contrast characters, settings, and events in texts using specific details.
- Analyze multiple accounts of the same event or topic, noting differences in point of view.
- Explain relationships and interactions in historical, scientific, or technical texts using information from the text.
- Determine themes in stories, dramas, or poems, and summarize the text.
- Read prose and poetry aloud accurately, with the right pace and expression on repeated readings.

WRITING

- Write opinion pieces, stating a clear opinion and providing strong reasons with supporting facts.
- Organize ideas logically to create a structured piece.
- Use linking words to connect opinions and reasons effectively.
- Conclude opinion pieces with a closing statement related to the opinion.
- Write informative/explanatory texts with clear introductions and well-organized information.
- Support topics with facts, definitions, examples, and quotes.
- Use precise language and specialized vocabulary for clarity.
- Conclude informative/explanatory texts effectively.
- Write narratives with an introduction, natural event sequences, and storytelling techniques.
- Use transition words and vivid details to convey experiences clearly.

MATH

- Read and write decimals to the thousandths.
- Compare decimals to the thousandths.
- Round decimals to any place.
- Explain relationships in multiplication and division by powers of 10.
- Add, subtract, multiply, and divide decimal numbers through hundredths.
- Multiply multi-digit whole numbers fluently.
- Divide up to four-digit whole numbers by two-digit divisors.
- Use whole number exponents to show powers of ten.
- Perform operations with fractions, including mixed numbers, and interpret fractions as division.
- Find volume of right rectangular prisms, composite volume, and total volume of solid figures.
- Convert among different-sized measurement units and make a line plot for data in fractions.

SCIENCE

- Explain how plants get materials for growth from air and water.
- Develop a model for the movement of matter among plants, animals, decomposers, and the environment.
- Support the argument that the sun appears brighter than other stars due to relative distances from Earth.
- Represent data in graphs to show patterns in shadow length, day-night changes, and seasonal star appearances.
- Create a model illustrating interactions among the geosphere, biosphere, hydrosphere, and atmosphere.
- Describe and graph water distribution in various reservoirs on Earth.
- Combine information on how communities use science to protect Earth's resources and environment.
- Develop a model explaining that matter is made of particles too small to be seen.
- Measure and graph quantities to show the conservation of matter during heating, cooling, or mixing substances.
- Make observations and measurements to identify materials based on their properties.

SOCIAL STUDIES

- Utilize deliberative processes in group decision-making and recognize diverse perspectives and values in civic issues.
- Explain specialization, trade, the role of money, and the impact of investment in human capital on productivity and incomes.
- Discuss how profits and externalities affect market behaviors and the role of financial institutions in the economy.
- Analyze the consequences of increasing economic interdependence due to trade on nations and their populations.
- Understand how cultural & environmental characteristics influence population distribution and the use of natural resources.
- Discuss the impact of World War.
- Create chronological narratives to understand developments & compare different historical periods with the present.
- Generate questions about key individuals and groups influencing historical changes and continuities.

PHYSICAL EDUCATION

- Show mature movement skills in various activities like games, gymnastics, and sports.
- Use both movement and hand-eye coordination in games and practice sessions.
- Run at the right speed for different distances.
- Combine jumping, landing, and movement skills in activities like dance and gymnastics.
- Combine different movements gracefully in cultural and creative dances, solo or with a group.
- Combine various movements and concepts to create and perform group dances.

ART AND CRAFT

- Combine ideas to create unique artworks.
- Experiment with various art techniques and materials to improve artistic skills and justify those choices.
- Teaching safe and effective use of materials for artwork preparation .
- Understand and discuss cultural meanings conveyed through visual art.
- Apply formal and conceptual vocabularies of art and design to view surroundings in new ways through art making.

SOCIAL EMOTIONAL LEARNING (SEL) & HEALTH

- **Deepened Self-Awareness and Complex Emotional Management:** Students learn to recognize and manage a wider range of emotions and are introduced to more complex concepts such as stress and anxiety management.
- **Enhanced Health Knowledge and Decision-Making:** Grade 5 students explore in greater depth topics such as personal and public health, nutrition, physical activity, and the effects of substances on the body. They are taught to critically analyze health information and make informed decisions regarding their health and safety.
- **Advanced Communication and Relationship Skills:** They refine their communication skills, learning to negotiate, advocate for themselves and others, and manage interpersonal conflicts constructively. Emphasis is placed on developing healthy relationships and understanding the changing dynamics of friendships.
- **Problem-Solving and Critical Thinking:** Children are encouraged to apply problem-solving and critical thinking skills to real-world situations, particularly those involving ethical dilemmas or decisions affecting their health and well-being.
- **Global Awareness and Empathy:** Students expand their understanding of diversity and global issues, developing a deeper sense of empathy and respect for people from different backgrounds and cultures. They learn about the impact of their actions on a global scale.
- **Goal Setting and Personal Responsibility:** Grade 5 students set more sophisticated goals, both personal and academic, and develop strategies for achieving them. They learn about personal responsibility, perseverance, and the importance of adapting to change.
- **Leadership and Community Engagement:** They are encouraged to take on leadership roles in various contexts, including group projects, community service, and advocacy for healthful policies. Students learn the importance of civic engagement and contributing to the well-being of their communities.

GLOBAL LANGUAGES

LWIS utilizes the MOE - Ministry of Education of Saudi Arabia guidelines for teaching Foreign Languages in elementary school.

- **Interpersonal Communication:** They can communicate on some very familiar topics using single words and phrases that they have practiced and memorized. They can participate in conversations on familiar topics using sentences and series of sentences. They can handle short social interactions in everyday situations by asking and answering a variety of questions. They can usually say what they want to say about themselves and their everyday life.
- **Speaking:** Students can present information about themselves and some other very familiar topics using single words or memorized phrases. They can make presentations on a wide variety of familiar topics using connected sentences.
- **Writing:** Students can copy some familiar words, characters, or phrases. They can write on a wide variety of familiar topics using connected sentences.
- **Listening:** Students can recognize a few memorized words and phrases when they hear them spoken. They can understand the main idea in messages and presentations on a variety of topics related to everyday life and personal interests and studies. They can understand the main idea in conversations that they overhear.
- **Reading:** Students can recognize a few letters or characters. They can identify a few memorized words and phrases when they read. Students can understand the main idea of texts related to everyday life and personal interests or studies.

CHILD DEVELOPMENT

"The goal of education is not to increase the amount of knowledge but to create the possibilities for a child to invent and discover."

Jean Piaget

Physical Development

- Rapid growth in height and physical strength as they approach adolescence.
- Coordination and physical abilities are well-developed, enabling complex and competitive sports.
- Increased stamina supports engagement in extended physical activities.
- Physical self-awareness increases, with more attention to personal fitness and health.
- Start to experience early signs of puberty, affecting physical and emotional development.

Social Emotional Development

- Stronger, more complex friendships with a deeper understanding of trust and loyalty.
- Start to challenge adult authority and express a desire for more autonomy.
- Peer influence is strong, impacting decisions, behavior, and self-image.
- Critical thinking about relationships and social issues begins to emerge.
- Emotional regulation skills improve, but puberty introduces new challenges and emotions.

FAMILY LEARNING OPPORTUNITIES

Literacy

- Support your child to read or be read to at least 20 minutes per day.
- Encourage reading more complex literature and non-fiction, followed by discussions that analyze themes, character development, and author's purpose to enhance comprehension and critical thinking.
- Challenge your child with a weekly list of advanced vocabulary words from their reading, curriculum, games or news items.
- Together, analyze various media (articles, advertisements, news reports) to understand bias, perspective, and the importance of cross-checking information.
- Perform dramatic readings of plays or selected scenes, focusing on expression and understanding of dialogue and stage directions.
- Journaling: Maintain a daily journal to encourage regular writing practice, reflection, and personal expression.

Mathematics

- Solve real-world problems involving multi-digit multiplication and division, including those with fractions and decimals.
- Engage in cooking or shopping activities that require calculations with fractions, decimals, and percentages.
- Explore concepts of volume, area, and perimeter through projects, such as designing a dream house or creating a garden layout.
- Collect data on a topic of interest and learn to represent it using graphs and charts, interpreting the results and making predictions.
- Use board games, card games, and puzzles that challenge and apply mathematical concepts such as strategy, logic, and problem-solving.
- Create a budget for planning an event or project.

Science

- Research different ecosystems, focusing on biodiversity, interdependence, and environmental conservation efforts.
- Learn about the solar system, stars, and galaxies, and discuss recent space exploration missions and discoveries.
- Participate in engineering challenges, such as building bridges from household materials, to apply concepts of physics and engineering.
- Explore topics related to human anatomy, nutrition, and personal health, emphasizing the importance of healthy living practices.
- Earth Sciences: Study natural phenomena such as earthquakes, volcanoes, and the water cycle through models, documentaries, and experiments.

Social Studies

- Explore key events, figures, and movements in history through documentaries, books, and virtual museum tours.
- Adopt a "country of the month" study, exploring geography, culture, language, and customs, potentially including cooking a traditional dish.
- Discuss global challenges such as climate change, poverty, and human rights, encouraging empathy and understanding of global interdependence.
- Introduce basic concepts of economics, including supply and demand, trade, and the significance of budgeting and financial planning.

Review the learning outcomes for your child as provided by your child's teacher. Ask questions, model listening and asking questions. Support your child to explain their answers.

We believe all round development of a child can happen tremendously with parents' partnership.